Docket No. 740270-2918

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re NEW CONTINUATION application of	)	
Patrick F. FLYNN et al.	)	
Based on Serial No. 10/452,198	)	Group Art Unit: 3747
Which was Filed: June 3, 2003	)	Examiner: John Kwon
For: PREMIXED CHARGE COMPRESSION IGNITION ENGINE WITH OPTIMAL COMBUSTION CONTROL	)	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. §1.56 and 37 C.F.R. §§ 1.97-1.99, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified application.

The references were cited in the parent of the subject continuation application, namely, Serial No. 10/452,198, filed June 3, 2003. Copies of the references are not required in accordance with 37 C.F.R. §1.98(d) since the subject continuation application claims priority under 35 U.S.C. §120.

A discussion of U.S. Patent Nos. 4,768,481; 5,535,716; 5,467,757 and 5,476,072; SAE Technical Paper Nos. 960081, 790501, 790840, 830264, 960742 and 892068; and "Operating Directions — Lohmann Bicycle Motor" is given in the specification at pages 4-10.

This Information Disclosure Statement is not intended to constitute an admission that any patent, a publication, or other information referred to herein is "prior art."

It is respectfully requested that an Examiner initialed copy of the Form PTO-1449 be returned to the undersigned.

Respectfully submitted,

Daniel S. Song
Registration No. 43,143

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Date: October 15, 2003

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Form PTO-1449
(Rev. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.: 740270-2918

Serial No.:

Applicant: Patrick F. FLYNN et. al.

Filing Date: October 15, 2003

Group: 3747

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
		608,845	08/09/98	Diesel			
		673,160	04/30/01	Diesel			
		1,128,463	02/16/15	Lake			
		1,132,581	03/23/15	Hein			
		1,707,005	03/26/29	Hall			
		2,183,674	12/19/39	Erren			
		2,199,625	05/07/40	Fiala-Fernbrugg			
		2,400,219	05/14/46	Barnaby et al.			
		2,400,247	03/14/45	Miller et al.			
		2,612,880	01/11/47	Schowalter			
		2,767,691	10/23/56	Mengelkamp et al.			
		2,896,596	07/28/59	Abraham			
		2,909,159	10/20/59	Britton			
		2,977,942	04/04/61	Reynolds			
		2,986,129	05/30/61	Henry-Biabaud			
		3,230,939	01/25/66	Goossak			
		4,010,611	03/08/77	Zachery			
		4,351,298	09/28/82	Franke			
		4,401,072	08/30/83	Ito et al.			
		4,414,940	11/15/83	Loyd			
		4,416,229	11/22/83	Wood			
		4,520,765	06/04/85	Gerace			
		4,520,766	06/04/85	Akeroyd			
		4,524,730	06/25/85	Doell et al.			
		4,527,516	07/09/85	Foster			

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U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
		4,543,917	10/01/85	Lapeyre			
		4,572,133	02/25/86	Bago			
		4,603,674	08/05/86	Tanaka			
		4,635,590	01/13/87	Gerace			
		4,708,094	11/24/87	Helmich et al.			
		4,754,733	07/05/88	Steiger			
		4,768,481	09/06/88	Wood			
		4,831,993	05/23/89	Kelgard			
		4,854,290	08/08/89	Richardt			
		4,856,484	08/15/89	Wilson et al.			
		4,920,937	05/01/90	Sasaki et al.			
		4,924,828	05/15/90	Oppenheim			
		4,955,328	09/11/90	Sobotowski			
		5,012,777	05/07/91	Baker et al.			
		5,050,550	09/24/91	Gao			
		5,050,571	09/24/91	Daniels			
		5,060,610	10/29/91	Paro			
		5,063,890	11/12/91	Hironaka			
		5,069,183	12/03/91	Nagano et al.			
		5,092,305	03/03/92	King			
		5,127,378	07/07/92	Ito			
		5,139,002	08/18/92	Lynch et al.			
		5,170,759	12/15/92	Ito			
		5,205,254	04/27/93	Ito et al.			
		5,211,145	05/18/93	Ichikawa et al.			

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U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
		5,213,067	05/25/93	Kramer			
		5,224,457	07/06/93	Arsenault et al.			
		5,243,932	09/14/93	Herrmann			
		5,265,562	11/30/93	Kruse			
		5,291,865	03/08/94	Sasaki			
		5,315,973	05/31/94	Hill et al.			
		5,458,102	10/17/95	Tomisawa et al.			
		5,467,757	11/21/95	Yanagihara et al.			
		5,476,072	12/19/95	Inventor			
		5,515,829	05/14/96	Wear et al.			
		5,526,786	06/18/96	Beck et al.			
		5,535,708	07/16/96	Valentine			
		5,535,716	07/16/96	Sato et al.			
		5,623,412	04/22/97	Masson et al.			
		5,636,614	06/10/97	Morikawa			
		5,682,856	11/04/97	Tomisawa et al.			
		2,146,265	02/07/39	Moore, Jr.			
		2,728,643	12/27/55	Vaughn			
		2,728,644	12/27/55	Vaughn			
		2,728,646	12/27/55	Vaughn			
		2,728,647	12/27/55	Vaughn			
		3,975,900	08/24/76	Pfefferle			
		4,030,455	06/21/77	Van Eeck			
		4,078,377	03/14/78	Owens et al.			
		4,094,142	06/13/78	Pfefferle			

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U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
		4,112,826	09/12/78	Cataldo			
		4,179,881	12/25/79	Faucher et al.			
		4,185,595	01/29/80	Muhlberg			
		4,197,701	04/15/80	Boyum			
		4,218,992	08/26/80	Latsch et al.			
		4,246,757	01/27/81	Heberling			
		4,271,674	06/09/81	Marshall et al.			
		4,451,367	05/29/84	Ruggeri			
		4,499,872	02/19/85	Ward et al.			
		4,621,603	11/11/86	Matekunas			
		4,622,939	11/18/86	Matekunas			
		4,624,229	11/25/86	Matekunas			
		4,641,617	02/10/87	Aoyama et al.			
		4,694,802	09/22/87	Lowi, Jr.			
		4,779,587	10/25/88	Schweinzer et al.			
		4,838,213	06/13/89	Gerace			
		4,932,379	06/12/90	Tang et al.			
		5,099,429	03/24/92	Onari et al.			
		5,119,780	06/09/92	Ariga			
		5,123,397	06/23/92	Richeson			
		5,148,776	09/22/92	Connor			
		5,156,002	10/20/92	Mowill			
		5,203,288	04/20/93	Melchior et al.			
		5,237,812	08/24/93	Mumford			
		5,274,559	12/28/93	Takahashi et al.			
		5,284,116	02/08/94	Richeson, Jr.			

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		5,398,653	03/21/95	Merritt			
		5,425,233	06/20/95	Ma et al.			
		5,450,829	09/19/95	Beck			
		5,457,955	10/17/95	Costello			
		5,549,087	08/27/96	Gray, Jr. et al.			
		5,555,868	09/17/96	Neumann			
		5,692,481	12/02/97	Miller			
		5,713,328	02/03/98	Anderson et al.			
		5,806,305	09/15/98	Miller et. al.			
		5,832,880	11/10/98	Dickey			
		5,863,413	01/26/99	Caren et al.			
		5,875,743	03/02/99	Dickey			
		2,206,571	07/02/40	Kinslow			
		4,091,772	05/30/78	Heater et al.			
		4,499,885	02/19/85	Weissenbach, deceased et al.			
		4,966,103	10/30/90	Schaub et al.			
		5,035,206	07/30/91	Welch et al.			
		5,271,357	12/21/93	Hsu et al.			
		5,365,902	11/22/94	Hsu			
		5,520,161	05/28/96	Klopp			
		5,890,459	04/06/99	Hedrick et al.			
		6,230,683	05/15/01	zur Loye et al.			
		6,276,334	08/21/01	Flynn et al.			
		6,286,482	09/11/01	Flynn et al.			
		6,561,157	05/13/03	zur Loye et al.			

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		0195736	09/24/86	Europe			X	
		0459429	12/04/91	Europe			X	
		0747636	12/11/96	Europe			X	
		0810405	12/03/97	Europe			X	
		2315297	01/28/98	Great Britain			X	
		9-151771	06/10/97	Japan			Abst.	
		9-228882	09/02/97	Japan			X	
		9-324675	12/16/97	Japan			Abst.	
		2066381	09/10/96	Russia			Abst.	
		287366	09/17/15	Germany			X	
		326994	10/06/20	Germany			X	
		332524	01/31/21	Germany			X	
		481 070	08/13/29	Germany			X	
		820 226	11/08/51	Germany			X	
		823 233	12/03/51	Germany			X	
		864 476	01/26/53	Germany			X	
		895 393	11/02/53	Germany			X	
		898 094	11/26/53	Germany			X	
		934 798	11/03/55	Germany			X	
		1 020 484	12/05/57	Germany			X	
		2 450 953	12/11/75	Germany			Abst.	
		3 032 656	04/29/82	Germany			Abst.	
		195 19 663	05/15/96	Germany			X	
		198 04 988	06/10/99	Germany			X	
		198 04 983	08/12/99	Germany			X	

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		198 10 935	09/16/1999	Germany			X	
		198 18 596	11/25/1999	Germany			X	
		144,302	12/05/1921	United Kingdom			X	
		334,018	08/28/1930	United Kingdom			X	
		372,534	05/12/1932	United Kingdom			X	
		2,008,191	05/31/1979	United Kingdom			X	
		2,277,776	11/09/1994	United Kingdom			X	
		64477	09/13/1892	Germany			X	
		306418	10/15/1920	Germany			X	
		196 21 297	12/04/1997	Germany			X	
		903,454	10/05/1945	France			X	
		1,137,667	06/03/1957	France			X	
		2,679,604	01/29/1993	France			X	
		38145	05/15/1936	Netherlands			X	
		75804	09/15/1954	Netherlands			X	
		11-1593385	06/1999	Japan				
		2000-265867	09/2000	Japan				
		2000-274285	10/2000	Japan				
		2001-159349	06/2001	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Patent Abstracts of Japan, No. 08312394, November 26, 1996

Patent Abstracts of Japan, No. 55029011, March 1, 1980

Shigeru Onishi et al., "Active Thermo-Atmosphere Combustion (ATAC)—A New Combustion Process for Internal Combustion Engines," SAE Technical Paper No. 790501, February 26-March 2, 1979.

Masaaki Noguchi et al., "A Study on Gasoline Engine Combustion by Observation of Intermediate Reactive Products during Combustion," SAE Technical Paper No. 790840, September 10-13, 1979.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		J.A. Harrington, "Water Addition to Gasoline—Effect on Combustion, Emissions, Performance, and Knock," SAE Technical Paper No. 820314 (1982).
		Paul M. Najt et al., "Compression-Ignited Homogeneous Charge Combustion," SAE Technical Paper No. 830264 (1983).
		R.H. Thring, "Homogeneous-Charge Compression-Ignition (HCCI) Engines," SAE Technical Paper No. 892068, (1989).
		Taro Aoyama et al., "An Experimental Study on Premixed-Charge Compression Ignition Gasoline Engine," SAE Technical Paper No. 960081, February 26-29, 1996.
		Yoichi Ishibashi et al., "Improving the Exhaust Emissions of Two-Stroke Engines by Applying the Activated Radical Combustion," SAE Technical Paper No. 960742, February 26-29, 1996.
		"Lohmann Bicycle Motor," Product Brochure/Operating Directions, October 1951 Edition.
		Jack Yamaguchi, "Honda Readies Activated Radical Combustion Two-Stroke Engine for Production Motorcycle," *Automotive Engineering*, January 1977, 90-92.
		Al Demmler, "Diesel Emissions Reduced," *Automotive Engineering International*, May 1998, 63-64.
		EXP-2," *Cycle World*, 70.
		Kevin Cameron, "Big Red's Green Machine," *Cycle World*, 28.
		Quick Ride: Honda CRM250 Evolution of EXP," *Cycle World*, 30.
		Eric Murray, "Quick Take: Honda EXP-2," http://cgi.motorcycle.com/mo/mchonda/exp2.html.
		Ely Kumli, "Honda EXP-2," http://ftp.motorcycle.com/mo/mchonda/exp2_tech.html.
		Kit Palmer, "First Look: Honda's EXP-2," http://www.cyclenews.com/cycle/archives/exp2.html.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Steven Ashley, “A Radical Way to Burn,” *Mechanical Engineering*, August 1996, 64-67.
		Don Williams, “Editor’s EXP-2 Impression: Riding the $500,000 Honda,” 14-15.
		Jesse Snyder, “Hybrid 2-Stroke Design Advancing at Honda,” *Ward’s Automotive Weekly*, April 15, 1996.
		Shi-wai S. Cheng et al., “Effect of Engine Operating Parameters on Engine Combustion Chamber Deposits,” SAE Technical Paper No. 902108, (1990).
		Rob H. Thring et al., “The Stratified Charge Glowplug Ignition (SCGI) Engine with Natural Gas Fuel,” SAE Technical Paper No. 911767, (1991).
		Song-Charng Kong et al., “Modeling Combustion in Compression Ignition Homogeneous Charge Engines,” SAE Technical Paper No. 920512, (1992).
		Norimasa Iida, “Combustion Analysis of Methanol-Fueled Active Thermo-Atmosphere Combustion (ATAC) Engine Using a Spectroscopic Observation,” SAE Technical Paper No. 940684, February 28–March 3, 1994.
		Jiang Lu et al., “A Preliminary Study of Chemically Enhanced Autoignition in an Internal Combustion Engine,” SAE Technical Paper No. 940758, February 28–March 3, 1994.
		Donald J. Nakic et al., “Effect of Elevated Piston Temperature on Combustion Chamber Deposit Growth,” SAE Technical Paper No. 940948, February 28–March 3, 1994.
		Jeffrey D. Naber et al., “Natural Gas Autoignition Under Diesel Conditions: Experiments and Chemical Kinetic Modeling,” SAE Technical Paper No. 942034, October 17-20, 1994.
		G.K. Fraidl et al., “Gasoline Direct Injection: Actual Trends and Future Strategies for Injection and Combustion Systems,” SAE Technical Paper No. 960465, February 26-29, 1996.
		Thomas W. Ryan et al., “Homogeneous Charge Compression Ignition of Diesel Fuel,” SAE Technical Paper No. 961160, May 6-8, 1996.
		N.E. Carabateas et al., “The Effect of Injector and Intake Port Design on In-Cylinder Fuel Droplet Distribution, Airflow and Lean Burn Performance for a Honda VTEC-E Engine,” SAE Technical Paper No. 961923, October 14-17, 1996.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Simon Ho et al., "A Comprehensive Knock Model for Application in Gas Engines," SAE Technical Paper No. 961938, October 14-17, 1996.
		Greg R. Pucher et al., "Alternative Combustion Systems for Piston Engines Involving Homogeneous Charge Compression Ignition Concepts – A Review of Studies Using Methanol, Gasoline and Diesel Fuel," SAE Technical Paper No. 962063, October 14-17, 1996.
		Hisakazu Suzuki et al., "Exhaust Purification of Diesel Engines by Homogeneous Charge with Compression Ignition Part 1: Experimental Investigation of Combustion and Exhaust Emission Behavior Under Pre-Mixed Homogeneous Charge Compression Ignition Method," SAE Technical Paper No. 970313, February 24-27, 1997.
		Hajime Ishii et al., "Exhaust Purification of Diesel Engines by Homogeneous Charge with Compression Ignition Part 2: Analysis of Combustion Phenomena and NOx Formation by Numerical Simulation with Experiment," SAE Technical Paper No. 970315, February 24-27, 1997.
		Terutoshi Tomoda et al., "Development of Direct Injection Gasoline Engine – Study of Stratified Mixture Formation," SAE Technical Paper No. 970539, February 24-27, 1997.
		Jun Harada et al., "Development of Direct Injection Gasoline Engine," SAE Technical Paper No. 970540, February 24-27, 1997.
		Y. Iwamoto et al., "Development of Gasoline Direct Injection Engine," SAE Technical Paper No. 970541, February 24-27, 1997.
		Haruyuki Yokota et al., "A New Concept for Low Emission Diesel Combustion," SAE Technical Paper No. 970891, February 24-27, 1997.
		U. Pfahl et al., "Self-Ignition of Diesel-Engine Model Fuels At High Pressures," SAE Technical Paper No. 970897, February 24-27, 1997.
		Keiichi Nakagome et al., "Combustion and Emission Characteristics of Premixed Lean Diesel Combustion Engine," SAE Technical Paper No. 970898, February 24-27, 1997.
		Simon Y. Ho et al., "A Hydrocarbon Autoignition Model for Knocking Combustion in SI Engines," SAE Technical Paper No. 971672, May 5-8, 1997.
		Allen W. Gray et al., "Homogeneous Charge Compression Ignition (HCCI) of Diesel Fuel," SAE Technical Paper No. 971676, May 5-8, 1997.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Norimasa Iida, "Alternative Fuels and Homogeneous Charge Compression Ignition Combustion Technology," SAE Technical Paper No. 972071, (1997).
		Magnus Christensen et al., "Homogeneous Charge Compression Ignition (HCCI) Using Isooctane, Ethanol and Natural Gas – A Comparison with Spark Ignition Operation," SAE Technical Paper No. 972874, Oct. 13-16, 1997.
		Hisakazu Suzuki et al., "Combustion Control Method of Homogeneous Charge Diesel Engines," SAE Technical Paper No. 980509, February 23-26, 1998.
		Toshiyuki Seko et al., "Methanol Lean Burn in an Auto-Ignition DI Engine," SAE Technical Paper No. 980531, February 23-26, 1998.
		Yoichi Ishibashi et al., "A Low Pressure Pneumatic Direct Injection Two-Stroke Engine by Activated Radical Combustion Concept," SAE Technical Paper No. 980757, February 23-26, 1998.
		Magnus Christensen et al., "Supercharged Homogeneous Charge Compression Ignition," SAE Technical Paper No. 980787, February 23-26, 1998.
		P.D. Ronney et al., "Throttleless Premixed-Charge Engines: Concept and Experiment," Part D Journal of Automobile Engineering, Proc. Instn. Mech. Engrs., Vol. 208, 1994, 13-24.
		Norimasa Iida et al., "Self-Ignition and Combustion Stability in a Methanol Fueled Low Heat Rejection Ceramic ATAC Engine—Analysis of Cyclic Variation at High Wall Temperatures and Lean Burn Operation," *JSAE Review*, Vol. 18, 1997, 233-240.
		J. Ray Smith et al., "Modeling of Homogeneous Charge Compression Ignition (HCCI) of Methane," UCRL-JC-127387, ASME Internal Combustion Engine 1997 Fall Conference, May 6, 1997.
		Hajime Oguma et al., "A Study on Adaptability of Alternative Fuels for Lean Burn Two-Stroke ATAC Engine."
		Von Max Stockinger et al., "Versuche an einem gemischansaugenden Verbrennungsmotor mit Selbstzündung," Motortechnische Zeitschrift, 53 (1992) 80-85.
		Haruyuki Yokota et al., "A New Concept for Low Emission Diesel Combustion," JASE Automobile Technology, Vol. 51, No. 9, 1997, 47-52.
		Hiromichi Yanagihara et al., "Simultaneous Reduction of NO_x and Soot in Diesel Engines Using a New Combustion System (UNIBUS–Uniform Bulky Combustion System)," Proc. of the 17th International Viena Motor Symposium, 1997.

Examiner:	Date Considered:

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		J. Ray Smith et al., "Homogeneous Diesel Combustion," June 18, 1996, pp. 1-4
		Quentin A. Baker, "Expanding Diesel Engine Cetane Limits through Staged Injection," SAE Technical Paper No. 830246, (1983).
		Mark A. Cherry et al., "Extending Lean Limit with Mass-Timed Compression Ignition Using a Catalytic Plasma Torch," SAE Technical Paper No. 921556, August 10-13, 1992.
		Yoshinaka Takeda et al., "Emission Characteristics of Premixed Lean Diesel Combustion with Extremely Early Staged Fuel Injection," SAE Technical Paper No. 961163, May 6-8, 1996.
		Mark A. Gottschalk, "Catalytic Ignition Replaces Spark Plugs," *Design News*, May 22, 1995.
		Portions of Honda CR250AR Manual
		"Small DI Diesel Engine Development at Nissan," *Engine Technology Progress in Japan —Compression-Ignition Engine Technology*, Chapter 1, April 1998, pp. 1-11.
		Bob Brooks, "EPA 'Secret' Engine Development Explained," *Ward's Engine and Vehicle Technology Update*, August 1, 1999.
		Shuji Kimura et al., "A New Combustion Technology Concept for Small DI Diesel Engines – 6th Report, Possibility of Obtaining Ultra-Clean Emissions and High Thermal Efficiency Simultaneously," 1999, pp. 13-16.
		Eiji Aiyoshizawa et al., "Combustion Characteristics of a Small DI Diesel Engine," 1999, pp. 17-20.
		Yasushi Mase et al., "Nissan's New Multivalve DI Diesel Engine Series," SAE Technical Paper No. 981039, (1998).
		Eiji Aiyoshizawa et al., "Development of a Clean Small DI Diesel Engine with MK Concept," JSAE, Vol. 52, No. 7, 1998, pp. 56-62.
		Shuji Kimura et al., "A New Concept of Combustion Technology in Small DI Diesel Engines – 4th Report: The Effects of Fuel Injection Rates on MK Compustion," 1997, pp. 45-48.

Examiner:	Date Considered:

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Steven W. Beyerlein et al., "A Lean-Burn Catalytic Engine," SAE Technical Paper No. 880574, (1988).
		Józef Jarosiński et al., "Investigation of a Lean-Burn Piston Engine with Catalytic Prechamber," SAE Technical Paper No. 960083, February 26-29, 1996
		"Swirl Optimization for Low Emissions and a Variable Swirl Intake Port," *Engine Technology Progress in Japan — Compression-Ignition Engine Technology*, Chapter 2, April 1997, pp. 13-23.
		Unknown Japanese Article, 1997, Vol. 100, No. 947, pp. 97-98
		Masahiro Furutani et al., "A New Concept of Ultra-Lean Premixed Compression-Ignition Engine," Document No. 958614 – Document Summary with English Abstract, July 1995.
		"Clean Heavy-Duty Diesel Engine-II Program — Homogeneous Charge Compression Ignition (HCCI) of Diesel Fuel," SWRI Project No. 03-7479, Southwest Research Institute, November 1997.

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